

# Customer Information Sheet

DRAWING No.: M22-532XXXX

IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

**SPECIFICATIONS:**

**MATERIAL:**  
 MOULDING = NYLON 6T, UL94V-0, BLACK  
 CONTACTS = PHOSPHOR BRONZE

**FINISH:**  
 05 = GOLD  
 46 = 100% TIN

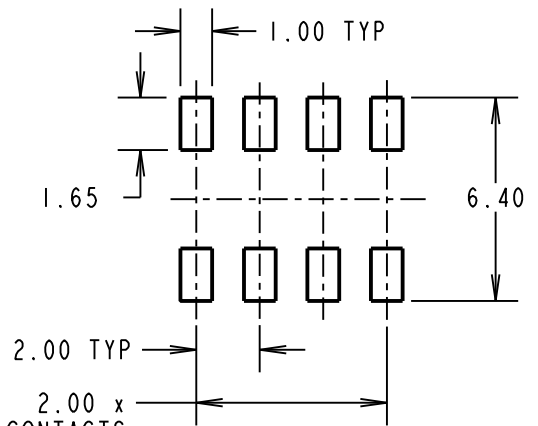
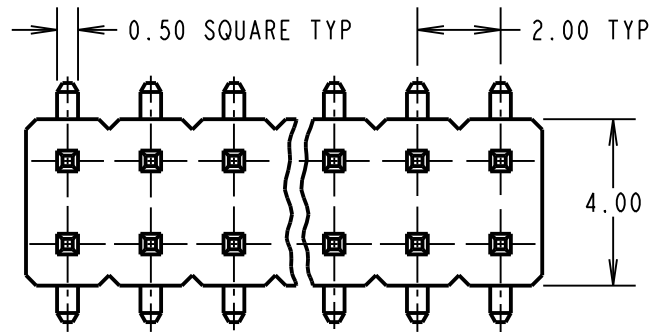
**ELECTRICAL:**  
 CURRENT RATING = 1A  
 CONTACT RESISTANCE = 20 mΩ MAX (GOLD), 30 mΩ MAX (TIN)  
 INSULATION RESISTANCE = 100 MΩ MIN

**MECHANICAL:**  
 DURABILITY = 300 OPERATIONS (GOLD), 50 OPERATIONS (TIN)  
 DIELECTRIC STRENGTH = 650V AC/DC

**ENVIRONMENTAL:**  
 TEMPERATURE RANGE = -40°C TO +105°C

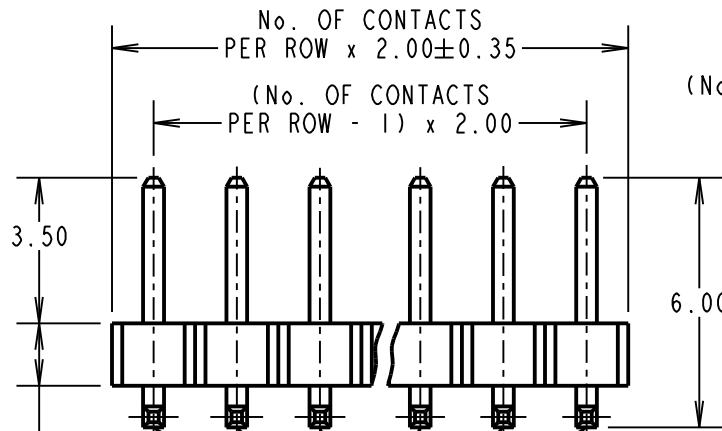
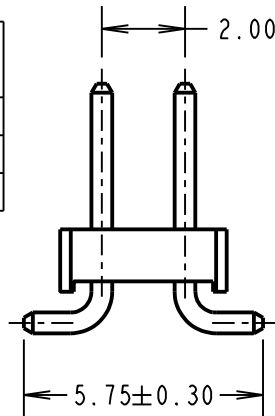
**PACKING:**  
 BAG

FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C018XX (LATEST ISSUE)



RECOMMENDED PCB LAYOUT TOLERANCE ±0.05mm

No OF CONTACTS	COPLANARITY TOLERANCE
2x02 TO 2x12	0.10mm MAX
2x13 TO 2x20	0.15mm MAX
2x21 TO 2x25	0.20mm MAX



(No. OF CONTACTS PER ROW - 1) x 2.00

COPLANAR SEE TABLE

- M22-53202XX
- M22-5320305
- M22-5320405
- M22-53205XX
- M22-5320605
- M22-5321005
- M22-5322205
- M22-5322505

**Active products:**

MGP	12	12.05.21	30542
NAME	ISS.	DATE	CN/CO
APPROVED: MGP			
CHECKED: MR			
DRAWN: I. SANDY			

**OBSOLETE**  
 All other size/finish combinations not listed as Active products.

- NOTES:**
- ALL TOLERANCES ARE ±0.25 UNLESS OTHERWISE STATED.
  - SEE DRAWING M22-532XXXXP FOR PICK & PLACE VERSION, M22-532XXXXR FOR TAPE AND REELED.
  - CO-PLANARITY: FLATNESS OF SMT TAILS MUST NOT EXCEED VALUES GIVEN IN TABLE.

ORDER CODE: **M22-532XXXX**

No. OF WAYS PER ROW \_\_\_\_\_  
 02-25

FINISH \_\_\_\_\_  
 05 - GOLD  
 46 - 100% TIN



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**TOLERANCES**

~~X = ±1mm~~  
~~X.X = ±0.50mm~~  
~~X.XX = ±0.20mm~~  
~~X.XXX = ±0.1mm~~

ANGLES = ±5°  
 UNLESS STATED

**MATERIAL:**  
 SEE ABOVE

**FINISH:**  
 SEE ABOVE

**S/AREA:** mm<sup>2</sup>

**TITLE:**  
 2.00mm PITCH DIL  
 SMT PIN HEADER ASSEMBLY

**DRAWING NUMBER:**  
**M22-532XXXX**